Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091917\
Data File : BF098646.D
Acq On : 19 Sep 2017 17:33
Operator : SJ/JU
Sample : PB102449BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB102449BS

Quant Time: Sep 20 02:50:52 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 18 13:37:24 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	121795	20.00	ng		0.00
21) Naphthalene-d8	7.92	136	517742	20.00	ng		0.00
38) Acenaphthene-d10	9.66	164	259190	20.00	ng		0.00
63) Phenanthrene-d10	11.15	188	573350	20.00	ng		0.00
75) Chrysene-d12	13.79	240	585564	20.00	ng		0.00
86) Perylene-d12	15.18	264	541917	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	1062568	128.99	ng		0.00
7) Phenol-d6	6.29	99	1240343	118.59	ng		0.00
23) Nitrobenzene-d5	7.20	82	833090	89.71	ng		0.00
41) 2,4,6-Tribromophenol	10.46	330	305737	176.74	ng		0.00
44) 2-Fluorobiphenyl	8.99	172	1620224	105.95	ng		0.00
78) Terphenyl-d14	12.74	244	1943244	71.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	130469	30.686	ng	#	88
3) Pyridine	2.97	79	326475	28.914	ng	#	79
4) n-Nitrosodimethylamine	2.93	42	182856	33.033	ng		83
6) Aniline	6.30	93	352200	26.842	ng	#	12
8) 2-Chlorophenol	6.42	128	367997	40.626	ng		99
9) Benzaldehyde	6.17	77	113364	16.581	ng		92
10) Phenol	6.30	94	452164	37.220	ng		85
11) bis(2-Chloroethyl)ether	6.37	93	322127	35.169	ng		98
12) 1,3-Dichlorobenzene	6.56	146	358967m	39.372	ng		
13) 1,4-Dichlorobenzene	6.65	146	374058	40.054	ng		96
14) 1,2-Dichlorobenzene	6.80	146	352504	41.431	ng		98
15) Benzyl Alcohol	6.79	79	335434	48.189	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.91	45	524522	34.804	ng	#	10
17) 2-Methylphenol	6.91	107	325038	44.005	ng	#	87
18) Hexachloroethane	7.13	117	139962	39.134	ng		88
19) n-Nitroso-di-n-propylamine	7.06	70	265093	40.295	ng		98
20) 3+4-Methylphenols	7.06	107	414341	44.451	ng	#	67
22) Acetophenone	7.05	105	527740	39.438	ng	#	90
24) Nitrobenzene	7.22	77	422448	39.935	ng		98
25) Isophorone	7.46	82	671432	35.734	ng		98
26) 2-Nitrophenol	7.54	139	191695	44.882	ng		90
27) 2,4-Dimethylphenol	7.59	122	321551	39.493	ng		93
28) bis(2-Chloroethoxy)methane	7.67	93	422434	36.844	ng		100
29) 2,4-Dichlorophenol	7.79	162	311047	45.934	ng		97
30) 1,2,4-Trichlorobenzene	7.86	180	314497	42.695	ng		100
31) Naphthalene	7.93	128	1076244	42.049	ng		100
32) Benzoic acid	7.76	122	202992	38.964	ng		96
33) 4-Chloroaniline	7.99	127	219881	21.138	ng		98
34) Hexachlorobutadiene	8.05	225	172652	45.657	ng		99
35) Caprolactam	8.39	113	113043m	48.411	ng		
36) 4-Chloro-3-methylphenol	8.50	107	429882	51.189	ng	#	83
37) 2-Methylnaphthalene	8.63	142	783892	50.562	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.79	216	354907	43.958	ng		100
40) Hexachlorocyclopentadiene	8.77	237	202711	85.032	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	230325	48.569	ng		93
43) 2,4,5-Trichlorophenol	8.96	196	249686	50.373	ng		97
45) 1,1'-Biphenyl	9.09	154	998861	43.056	ng		98
46) 2-Chloronaphthalene	9.12	162	764695	46.155	ng	#	92
47) 2-Nitroaniline	9.23	65	302765	47.611	ng		97
48) Acenaphthylene	9.53	152	994524	40.371	ng		99
49) Dimethylphthalate	9.40	163	884164	44.068	ng		99
50) 2,6-Dinitrotoluene	9.47	165	195440	47.422	ng	#	67
51) Acenaphthene	9.70	154	636468	40.645	ng		98
52) 3-Nitroaniline	9.64	138	144257	28.997	ng		98
53) 2,4-Dinitrophenol	9.76	184	194580	97.763	ng	#	79
54) Dibenzofuran	9.87	168	945906	45.852	ng		97
55) 4-Nitrophenol	9.83	139	220838	77.264	ng	#	41
56) 2,4-Dinitrotoluene	9.88	165	264889	52.868	ng	#	69
57) Fluorene	10.22	166	769307	45.054	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.00	232	182459	54.773	ng		97
59) Diethylphthalate	10.10	149	891698	46.732	ng		98
60) 4-Chlorophenyl-phenylether	10.20	204	376053	47.682	ng		93
61) 4-Nitroaniline	10.27	138	213346	42.464	ng		81
62) Azobenzene	10.37	77	826677	40.198	ng		94
64) 4,6-Dinitro-2-methylphenol	10.30	198	152181	43.763	ng	#	70
65) n-Nitrosodiphenylamine	10.33	169	735022	39.481	ng		99
66) 4-Bromophenyl-phenylether	10.69	248	232553	42.736	ng		96
67) Hexachlorobenzene	10.76	284	226621	41.057	ng	#	86
68) Atrazine	10.87	200	273567	47.731	ng		96
69) Pentachlorophenol	10.97	266	189413	77.737	ng		98
70) Phenanthrene	11.17	178	1288446	42.390	ng		100
71) Anthracene	11.23	178	1334606	42.767	ng		99
72) Carbazole	11.39	167	1220339	41.960	ng		99
73) Di-n-butylphthalate	11.72	149	1551217	44.516	ng		99
74) Fluoranthene	12.36	202	1478017	48.575	ng		98
76) Benzidine	12.49	184	875115	33.768	ng	#	93
77) Pyrene	12.59	202	1551822	33.594	ng		99
79) Butylbenzylphthalate	13.21	149	847577	42.295	ng	#	83
80) Benzo(a)anthracene	13.78	228	1432563	41.729	ng		99
81) 3,3'-Dichlorobenzidine	13.74	252	295009	22.112	ng	#	95
82) Chrysene	13.82	228	1339376	38.596	ng		99
83) Bis(2-ethylhexyl)phthalate	13.77	149	1099618	43.722	ng	#	99
84) Di-n-octyl phthalate	14.37	149	1721811	39.902	ng		100
85) Indeno(1,2,3-cd)pyrene	16.54	276	1384014	56.846	ng		95
87) Benzo(b)fluoranthene	14.80	252	1427050	41.881	ng		99
88) Benzo(k)fluoranthene	14.83	252	1189514	37.394	ng	#	93
89) Benzo(a)pyrene	15.13	252	1257009	41.408	ng		99
90) Dibenzo(a,h)anthracene	16.54	278	1168563	52.918	ng		98
91) Benzo(g,h,i)perylene	16.93	276	1229531	55.357	ng	#	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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